

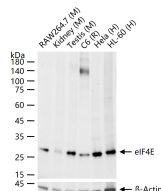
bsm-63259R**[Primary Antibody]****eIF4E Recombinant Rabbit mAb****Bioss**
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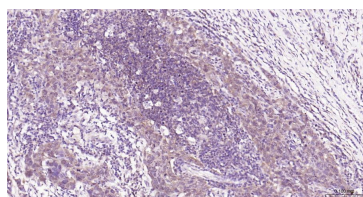
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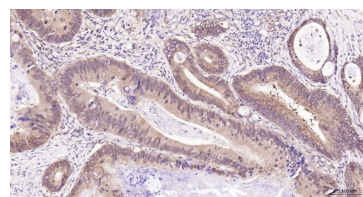
400-901-9800

DATASHEET**Host:** Rabbit**Clonality:** Recombinant**GeneID:** 1977**Target:** eIF4E**Isotype:** IgG**CloneNo.:** 1F2**SWISS:** P06730**Immunogen:** A synthesized peptide derived from human eIF4E: 150-217.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Acts in the cytoplasm to initiate and regulate protein synthesis and is required in the nucleus for export of a subset of mRNAs from the nucleus to the cytoplasm which promotes processes such as RNA capping, processing and splicing.**Applications:** **WB** (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**IP** (1:20-50)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 25 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

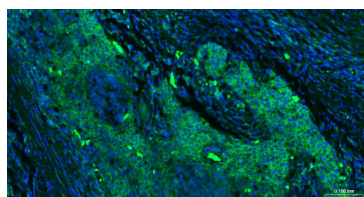
25 ug total protein per lane of various lysates (see on figure) probed with eIF4E monoclonal antibody, unconjugated (bsm-63259R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



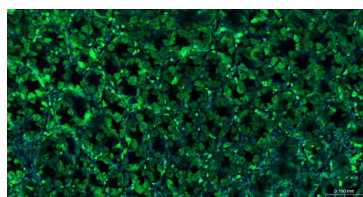
Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with eIF4E Monoclonal Antibody, Unconjugated(bsm-63259R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



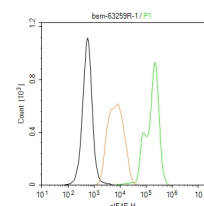
Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with eIF4E Monoclonal Antibody, Unconjugated(bsm-63259R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with eIF4E Monoclonal Antibody, Unconjugated (bsm-63259R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with eIF4E Monoclonal Antibody, Unconjugated (bsm-63259R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-eIF4E antibody (bsm-63259R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.